

CLAIMS

1. A document delivery system comprising:
a hand-held terminal device including data input means
5 and display means;
a searchable document data base hosted by a computer
remote from the terminal device;
a communication channel coupling the terminal device to
the remote computer;
10 means, responsive to search criteria supplied by a user
as data input through the terminal device, for searching the
document data base and retrieving one or more documents
satisfying the search criteria;
means for selecting one or more documents to be delivered
15 from among the documents satisfying the search criteria;
means for specifying a delivery destination for the one
or more documents selected; and
means for providing a physical copy of the document at
the delivery destination.
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2. The document delivery system of claim 1, wherein the
hand-held terminal device comprises a hand-held wireless data
terminal.
- 25 3. The document delivery system of claim 1, wherein at
least a portion of the documents in the searchable document
data base comprises merchant coupons.
- 30 4. The document delivery system of claim 1, wherein the
searchable document data base further comprises searchable
document records, each document record including searchable
information fields containing document attributes.

5. The document delivery system of claim 4, wherein the searchable document data base further includes an image of each document, associated with the corresponding document record, wherein each such image is suitable for document delivery.

6. The document delivery system of claim 1, wherein the means for searching the document data base comprises a data base application computer program that responds to user-supplied search criteria and provides result indicia including at least an identifying characteristic for each document retrieved that satisfies the criteria.

7. The document delivery system of claim 6, wherein the identifying characteristic comprises at least a portion of the document contents.

8. The document delivery system of claim 6, wherein the result indicia comprises at least a partial image of each document retrieved.

9. The document delivery system of claim 6, wherein the means for selecting one or more documents comprises highlighting one or more of the result indicia to select one or more documents represented by the result indicia using the data input means of the terminal device.

10. The document delivery system of claim 6, wherein the means for specifying a delivery destination comprises selecting a delivery destination option using the data input

means of the terminal device after selecting among the result indicia.

11. The document delivery system of claim 10, wherein an
5 editable default delivery destination is associated with each document.

12. The document delivery system of claim 1, wherein the
means for providing a physical copy of the document at the
10 delivery destination comprises a printing device at a location remote from the hand-held terminal device.

13. The document delivery system of claim 1, wherein the
means for providing a physical copy of the document at the
15 delivery destination comprises a printing device associated with the hand-held terminal device.

14. A document delivery system comprising:
a hand-held wireless data terminal having data input and
20 information display capability;

a searchable document data base hosted by a computer remote from the data terminal, the searchable document data base including searchable document records, each document record including searchable information fields containing
25 document attributes, and the document data base further including an image of each document, associated with the corresponding document record, wherein each such image is suitable for document delivery;

a radio frequency communication channel coupling the data
30 terminal to the remote computer, wherein the remote computer is accessible through an extranet protocol requiring secure login;

a data base application computer program that searches the document data base in response to user-supplied search criteria entered through the data terminal, retrieves all documents satisfying the search criteria, and provides result
5 indicia including at least an identifying characteristic for each retrieved document utilizing the information display capability of the data terminal;

an application computer program resident on the data terminal that interacts with the data base application
10 computer program and provides the user with the capability of highlighting one or more of the result indicia to select one or more documents represented by the result indicia using the data input capability of the data terminal;

a data input application computer program resident on the
15 data terminal that allows the user to select a delivery destination option for a selected document using the data input capability of the data terminal by editing, if desired, a default delivery destination associated with the selected document; and

20 a printing device that provides a physical copy of the document at the selected delivery destination.

15. The document delivery system of claim 14, wherein the hand-held wireless data terminal comprises a web browser
25 enabled cellular telephone handset.

16. The document delivery system of claim 14, wherein at least a portion of the documents in the searchable document data base comprises merchant coupons.

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17. The document delivery system of claim 14, wherein the identifying characteristic comprises at least a portion of the document contents.

5 18. The document delivery system of claim 14, wherein the result indicia comprises at least a partial image of each document retrieved.

10 19. The document delivery system of claim 14, wherein the printing device is located remotely from the hand-held wireless data terminal.

15 20. The document delivery system of claim 14, wherein the printing device comprises a printer associated with the hand-held wireless data terminal.

21. A method for document search, retrieval, and delivery, the method comprising the steps of:

20 (a) providing a hand-held terminal device including data input means and display means;

 (b) providing a searchable document data base hosted by a computer remote from the terminal device;

 (c) providing a communication channel coupling the terminal device to the remote computer;

25 (d) searching the document data base in response to search criteria supplied by a user as data input through the terminal device;

 (e) retrieving one or more documents satisfying the search criteria;

30 (f) selecting one or more documents to be delivered from among the documents satisfying the search criteria;

(g) specifying a delivery destination for the one or more documents selected; and

(h) providing a physical copy of the one or more documents selected at the delivery destination.

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22. The method in accordance with claim 21, wherein the step (a) of providing a hand-held terminal device further comprises the step of providing a hand-held wireless data terminal.

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23. The method in accordance with claim 21, wherein the step (b) of providing a searchable document data base further comprises the step of providing a searchable document data base wherein at least a portion of the documents in the
15 searchable document data base comprises merchant coupons.

24. The method in accordance with claim 21, wherein the step (b) of providing a searchable document data base further comprises the step of providing a searchable document data
20 base including searchable document records, each document record including searchable information fields containing document attributes.

25. The method in accordance with claim 24, wherein the
25 searchable document data base further includes an image of each document, associated with the corresponding document record, wherein each such image is suitable for document delivery.

30 26. The method in accordance with claim 21, wherein the step (d) of searching the document data base further comprises the step of searching the document data base via a data base

application computer program that responds to user-supplied search criteria and provides result indicia including at least an identifying characteristic for each document retrieved that satisfies the criteria.

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27. The method in accordance with claim 26, wherein the identifying characteristic comprises at least a portion of the document contents.

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28. The method in accordance with claim 26, wherein the result indicia comprises at least a partial image of each document retrieved.

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29. The method in accordance with claim 21, wherein the step (f) of selecting one or more documents further comprises the step of selecting one or more document by highlighting one or more of the result indicia to select one or more documents represented by the result indicia using the data input means of the terminal device.

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30. The method in accordance with claim 21, wherein the step (g) of specifying a delivery destination further comprises the step of selecting a delivery destination option using the data input means of the terminal device after selecting among the result indicia.

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31. The method in accordance with claim 30, wherein an editable default delivery destination is associated with each document.

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32. The method in accordance with claim 21, wherein the step (h) of providing a physical copy of the document at the

delivery destination further comprises the step of providing a physical copy of the document at a printing device located remotely from the hand-held terminal device.

5 33. The method in accordance with claim 21, wherein the step (h) of providing a physical copy of the document at the delivery destination further comprises the step of providing a physical copy of the document at a printing device associated with the hand-held terminal device.

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34. A method for document search, retrieval, and delivery, the method comprising the steps of:

(a) providing a hand-held wireless data terminal having data input and information display capability;

15 (b) providing a searchable document data base hosted by a computer remote from the data terminal, the searchable document data base including searchable document records, each document record including searchable information fields containing document attributes, and the document data base
20 further including an image of each document, associated with the corresponding document record, wherein each such image is suitable for document delivery;

25 (c) providing a radio frequency communication channel coupling the data terminal to the remote computer, wherein the remote computer is accessible through an extranet protocol requiring secure login;

30 (d) searching the document data base via a data base application computer program that searches the document data base in response to user-supplied search criteria entered through the data terminal;

(e) retrieving at least a portion of the documents satisfying the search criteria;

(f) providing result indicia including at least an identifying characteristic for each retrieved document utilizing the information display capability of the data terminal;

5 (g) selecting one or more documents represented by the result indicia by highlighting one or more of the result indicia using the data input capability of the data terminal via an application computer program resident on the data terminal that interacts with the data base application
10 computer program;

(h) selecting a delivery destination option for a selected document using the data input capability of the data terminal by editing, if desired, a default delivery destination associated with the selected document via a data
15 input application computer program resident on the data terminal; and

(i) providing a physical copy of the document to a printing device at the selected delivery destination.

20 35. The method in accordance with claim 34, wherein the step (a) of providing a hand-held wireless data terminal further comprises the step of providing a web browser enabled cellular telephone handset for use as a hand-held wireless data terminal.

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36. The method in accordance with claim 34, wherein the step (b) of providing a searchable document data base further comprises the step of providing a searchable document data base wherein at least a portion of the documents in the
30 searchable document data base comprises merchant coupons.

37. The method in accordance with claim 34, wherein the identifying characteristic comprises at least a portion of the document contents.

5 38. The method in accordance with claim 34, wherein the step (f) of providing result indicia further comprises the step of providing result indicia comprising at least a partial image of each document retrieved.

10 39. The method in accordance with claim 34, wherein the step (i) of providing a physical copy of the document further comprises the step of providing a physical copy of the document to a printing device located remotely from the hand-held wireless data terminal.

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 40. The method in accordance with claim 34, wherein the step (i) of providing a physical copy of the document further comprises the step of providing a physical copy of the document to a printing device associated with the hand-held
20 wireless data terminal.